

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pFLAG-Egfr(Velvet)

RRID:Addgene_18788

Type: Plasmid

Proper Citation

RRID:Addgene_18788

Plasmid Information

URL: <http://www.addgene.org/18788>

Proper Citation: RRID:Addgene_18788

Insert Name: epidermal growth factor receptor

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15020428](#)

Vector Backbone Description: Backbone Marker:Sigma; Backbone Size:6280; Vector Backbone:pFLAG-CMV3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The EGFR internal signal sequence was removed during the cloning of this construct. When compared to GenBank reference sequence NP_997538.1, the signal sequence corresponds to amino acids 1-24

Plasmid Name: pFLAG-Egfr(Velvet)

Relevant Mutation: D833G; signal sequence removed (aa1-24)

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074403+0000

Ratings and Alerts

No rating or validation information has been found for pFLAG-Egfr(Velvet).

No alerts have been found for pFLAG-Egfr(Velvet).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ingusci S, et al. (2024) Oncolytic herpes simplex viruses designed for targeted treatment of EGFR-bearing tumors. Molecular therapy. Oncology, 32(1), 200761.

Jeong D, et al. (2020) LRIG1-Mediated Inhibition of EGF Receptor Signaling Regulates Neural Precursor Cell Proliferation in the Neocortex. Cell reports, 33(2), 108257.